I can write and solve equations to find the missing number.

Lesson 4-2

- (1) Create a "Let Statement" Chart

- - (2) Box keywords and translate into equation.
 - (3) Solve the equation for the missing values!
- (4) Did you answer the question?

Warm Up:

Six less than four times a number is 42.

What is the number?

I can write and solve equations to find the missing number.

Lesson 4-2

11/6/19

Example 1: Eight more than twice a number \$ 28.

Find the number.

$$3+2x=28$$

$$3x=20$$

$$3x=20$$

You Do:

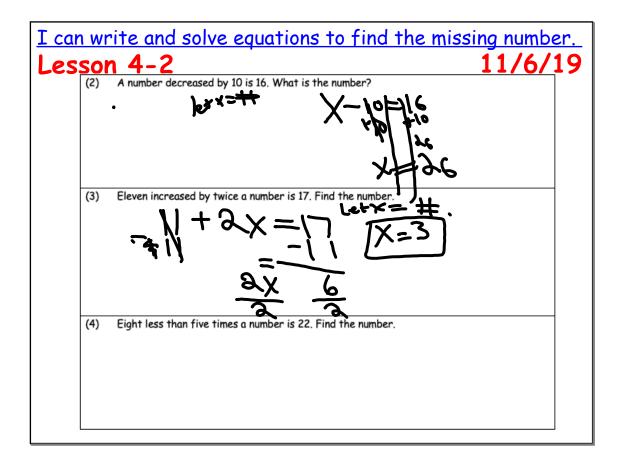
(1) Nine more than a number is 13. Find the number.

Lesson 4-2

Example 2: Nine less than three times a number is 54.

Find the number.

Let X=# 3X-9=54 4 3X=63You Do: # 3X=63



I can write and solve equations to find the missing number.

Example 3: Ten less than twice a number is the same as 7 times the number. Find the number.

Example 4: A number increased by 30 is 14 decreased by 3 times the number. Find the number.

 $\begin{array}{c} 3x \\ -10 = 5x \\ 5 = 5 \end{array}$

- (7) Nine more than 5 times a number is equivalent to 2 times the number. Find the number.
- (8) Twice a number is the same as 6 more than 8 times the number.